

Remarks

The invention centers on a novel electroluminescent device and method for creating it. The device is characterized by presence of trench walls above the function layer and by dopant concentration in the function layer which is less in the region below the trench walls. The method is characterized by the formation of trenches and by doping the function layer by providing a dopant solution along the trenches. The result is a device that can have a high definition color pattern and economical method for producing it.

Yu et al. discloses the formation of a substrate (10) with walls (30) in contact with the substrate. Yu et al. does not disclose or suggest the presence or formation of a trench wall structure on the function layer, nor the regions of function layer material below the wall which have reduced dopant concentration compared to the other portions of the function layer.

Regarding the present device claims, applicants submit that the discussion in the official action of whether a photoresist wall can be removed or not is irrelevant. The present device claims require that there be a trench wall structure on the located on the organic electroluminescent function layer. Applicants are not claiming a device where such feature is not present. This feature of a trench wall structure on the on the organic electroluminescent function layer which is required by the present product claims is simply not present in the products disclosed by Yu et al. nor suggested by the teaching of Yu et al.

Similarly, regarding applicants' claimed method of manufacture, the removability of the formed trench wall structure is irrelevant. The present claimed method requires the formation of such a trench wall structure on the

organic electroluminescent function layer and there is never a trench wall structure formed on any portion of the function layer of Yu et al.

For the above reasons, applicants submit that the claims are patentable over the prior art of record and that the application is in condition for allowance. Such allowance is earnestly and respectfully solicited.

Respectfully submitted,
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